

**Amendments to the Specification:**

Amended page 1, before line 5, the paragraph beginning with "The invention relates", insert the following titles and paragraph:

**-- CROSS-REFERENCE TO RELATED APPLICATIONS**

This is a U.S. national stage of application No. PCT/EP2004/050970, filed on 1 June 2004. Priority is claimed on the following applications: Country: Germany, Application No.: 103 29 508.9, Filed: 30 June 2003.

**BACKGROUND OF THE INVENTION --**

Amended page 2, before line 5, the paragraph beginning with "The method according", insert the following title:

**-- SUMMARY OF THE INVENTION --**

Please replace the paragraph beginning on amended page 2, line 14, with the following amended paragraph:

~~-- One advantageous refinement of the second~~ This embodiment is particularly suitable for a digital implementation of the control loop, in that, after amplification and analog/digital conversion, the output signal is demodulated to an in-phase component and a quadrature component, in that the quadrature component modulates a carrier, after filtering, which carrier is supplied as an excitation signal to the vibration gyro, in that the in-phase component is supplied, after filtering, to a PLL circuit, which controls the frequency and the

phase of the carrier, in that a signal which corresponds to the frequency change is supplied to the PLL circuit in order to shift the phase of the excitation signal, and causes a phase change in the carrier. --

Amended page 2, before line 31, the paragraph beginning with "The invention allows", insert the following title:

**-- BRIEF DESCRIPTION OF THE DRAWINGS --**

Amended page 3, before line 5, the paragraph beginning with "The exemplary embodiment", insert the following title:

**-- DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS --**

Amended page 6, amend the title as follows:

-- ~~Patent claims~~ What is claimed is: --